

# Receiving Report

Date: 10/14/7

Batch No: 2115869

Supplier: McTAKUSA

Dart P/O: 12692

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order ☐ N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12   

Production/Admin:     
 Date: 10/14/7  
 Received/Costing     
 Initial   

Location

## Shipping Order

06/10/2010

ETAUX SOLUTIONS INC.  
108, 32E AVENUE  
ACHINE, QUEBEC  
B8T 3H7

Tel.: 514 633-8010

Order  
Reference  
Bid  
Ship

: 69716  
: PO12692  
: 7053  
: NOTRE CAMION / OUR TRUCK

Customer: 6323336

## Ship To

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
SF342124	304 FLA .750 X 2.500 2 X 13.5' ***** HT; 6712249	27	27	Ø
SF234	304 FLA 2.000 X 3.000 1 X 8' ***** HT;	8		
SORT10654	SS TUB 1.000 X .065 18-8 ORN W 1 X 20' HT; SRH8	20	20	Ø
AR34	ALU ROU .750 DIA 6061-T6 2 X 20' HT; S-4758	40	40	Ø
ADS516058	ALU TUB .312 X .058 DWN SMLS 7 X 12' **** HT;	84		
MSQ11241CD	4140 SQU 1.500 CD 1 X 12' HT; 0629786	12	12	Ø

LIVRE PAR TST COLLECT  
JP

Shipping :  
Package No :  
Merchandise Received:

Ref. :

**Keystone**  
PROFILES  
276 Seventh Avenue  
Brents Park, PA 15010  
Phone: (724) 304-1530  
FAX: (724) 771-1533

1848@keystoneprofiles.com  
www.keystoneprofiles.com

Heat #	0829786
W.O.	W0-02480
Grade	4140
P.D.	
Reduction	18.76.1
Part #	41401PA CD SQ 1.500 24 FT PL
Part Desc.	1-1/2" SQ 4140

Cast and Chemistry Analysis									
C	.41	Mn	.65	P	.015	S	.015	Si	.23
Cr		Al	.002	Fe		Ti	.001	Cl	.93
Co		As		Se		Ni	.12	Mo	.210
						B		Pb	
						Cu	.20	W	
						Co		N	

Mechanical Properties - Tensile Characteristics (RC)									
1	58.5	2	58.6	3	58.6	4	58.6	5	58.6
6	58.6	7	58.6	8	58.6	9	58.6	10	58.6
11	58.6	12	58.6	13	58.6	14	58.6	15	58.6
16	58.6	17	58.6	18	58.6	19	58.6	20	58.6
21	58.6	22	58.6	23	58.6	24	58.6	25	58.6
26	58.6	27	58.6	28	58.6	29	58.6	30	58.6
31	58.6	32	58.6	33	58.6	34	58.6	35	58.6
36	58.6	37	58.6	38	58.6	39	58.6	40	58.6
41	58.6	42	58.6	43	58.6	44	58.6	45	58.6
46	58.6	47	58.6	48	58.6	49	58.6	50	58.6
51	58.6	52	58.6	53	58.6	54	58.6	55	58.6
56	58.6	57	58.6	58	58.6	59	58.6	60	58.6
61	58.6	62	58.6	63	58.6	64	58.6	65	58.6
66	58.6	67	58.6	68	58.6	69	58.6	70	58.6
71	58.6	72	58.6	73	58.6	74	58.6	75	58.6
76	58.6	77	58.6	78	58.6	79	58.6	80	58.6
81	58.6	82	58.6	83	58.6	84	58.6	85	58.6
86	58.6	87	58.6	88	58.6	89	58.6	90	58.6
91	58.6	92	58.6	93	58.6	94	58.6	95	58.6
96	58.6	97	58.6	98	58.6	99	58.6	100	58.6

Microstructural Analysis Results									
AT	AH	BT	BH	CH	DT	DH	Carbide Practice	Mat Source	Hot Rod Source
							STRAND	GERDAU AMERSTEEL	GERDAU AMERSTEEL
									Country of Origin
									USA

Need more info  
ASTM #





## MILL TEST REPORT


CUSTOMER:

### SAMPLE (S) OF ALUMINUM

DIE NO.	S-4758	R 111217
CUSTOMER ORDER NO.:	C62341	
CUSTOMER PART NO:	V815332	
DESCRIPTION	3/4" ROD	
AL. ALLOY & TEMPER	6061/T6511	
EXTRUDEX ORDER NO.	121453-6-A.11	
SPECIFICATION	ASTM B221	
SILICON %	0.59	
IRON %	0.16	
COPPER %	0.20	
MANGANESE %	0.03	
MAGNESIUM %	0.85	
CHROMIUM %	0.07	
ZINC %	<0.01	
TITANIUM %	0.01	
ALUMINUM %	REMAINDER	
ALLOY TYPE %	6061	
ALLOY CAST NO.	2BL274	
YIELD STRENGTH (IN ksi)	48.6	
TENSILE STRENGTH (IN ksi)	52.1	
ELONGATION % IN 2"	11.4	
HARDNESS (ROCKWELL 'F')	89.5	
	89.7	
	89.4	

S  
10/10/08

DATE:

  
F. TABING  
(LAB.-TECH.)  
APRIL-22-10

<b>BÖLLINGHAUS</b> <b>STEEL</b> Böllinghaus Portugal Aços Especiais, SA DIN EN ISO 9001:2000 TÜV CERT No. 01 100 030458		Abnahmeprüfzeugnis/MI Test Certificate/Certif de Qualidade <b>EN 10204:2004 / 3.1</b>		No.: / Nr.: / Nr.: <b>0000069938</b>																																														
		Unsere innere Verweisung / Our Int. Ref / ref int <b>5600012035 000200</b>		Datum / Date / Data <b>27.05.2010</b>																																														
Normen / Standards / Normas TP 304/304L acc. to ASTM A479/A479M-08, A276-08a, specifications acc. to latest rev.: SAE-AMS-QQS 763B, AMS6639H, AMS6647H, ASME SA479/SA479M, ASME SA 276, ASTM A182/A182M-08a F304/304L, A193/A193M-08b CL 1Gr.B8, ASTM A314-08, ASTM A320/A320M-08, MIL-8882B, DOD-F24689/8, ASME SA182-E01 A03, ASME SA 183 CL 1Gr.B8, ASME SA320 CL 1Gr.B8, ASTM A262-02a Practice A&E, grain size as per ASTM E112-96a1, NACE MR 0175.																																																		
Kunde / Customer / Cliente			Endgültiger Kunde / Final Customer / Cliente Final																																															
Bestell Nr./Order Nr./ Enc. Nr. <b>C73621</b>			Bestell Nr./ Order Nr / Enc. Nr <b>C73621.31</b>																																															
Prüfgegenstand / Product / Produto <b>AISI 304/304L FLAT-2 1/2 x 3/4"</b>		Gewicht / Weight / Peso <b>2,050 lb</b>		Bunde / Bundle / Atados <b>01</b>																																														
Werkstoff-Nr Material-no. Qualidade <b>1.4307</b>		Werkstoff-Normbezeichnung / Material standard grade / Norma do material <b>X 2 CrNi 18-9</b>																																																
Beschreibung / Description / Descrição Stainless steel flat bars, hot rolled, solution annealed, straightened, pickled. US DFR 252,226-7014: MELT SOURCE: France / MFG: Portugal.																																																		
Chemische Analyse in % / Chemical composition in % / Análise química em % <table border="1"> <tr> <td>Schmelzen Nr Casting / Funded nr</td> <td>C:</td> <td>0.016</td> <td>Si:</td> <td>0.330</td> <td>Mn:</td> <td>1.210</td> <td>P:</td> <td>0.035</td> <td>S:</td> <td>0.025</td> <td>Cr:</td> <td>18.050</td> <td>Ni:</td> <td>8.040</td> </tr> <tr> <td><b>671249</b></td> <td>Mo:</td> <td>0.360</td> <td>Co:</td> <td>0.087</td> <td>Cu:</td> <td>0.530</td> <td>N:</td> <td>0.084</td> <td>Ti:</td> <td>0.002</td> <td>W:</td> <td></td> <td>V:</td> <td></td> </tr> <tr> <td>EAF</td> <td colspan="14"></td> </tr> </table>						Schmelzen Nr Casting / Funded nr	C:	0.016	Si:	0.330	Mn:	1.210	P:	0.035	S:	0.025	Cr:	18.050	Ni:	8.040	<b>671249</b>	Mo:	0.360	Co:	0.087	Cu:	0.530	N:	0.084	Ti:	0.002	W:		V:		EAF														
Schmelzen Nr Casting / Funded nr	C:	0.016	Si:	0.330	Mn:	1.210	P:	0.035	S:	0.025	Cr:	18.050	Ni:	8.040																																				
<b>671249</b>	Mo:	0.360	Co:	0.087	Cu:	0.530	N:	0.084	Ti:	0.002	W:		V:																																					
EAF																																																		
Proben Nr Test no Amostra no <b>3020784.01.01</b>		ASTM E398 Korrosionsbeständigkeit Impact Test Resistência (Charpy V) [ J ] <b>182.0</b>				Streckgrenze Yield point Tensão limite Rp 0.2 % [ Ksi ] <b>49.5</b>				Dehngrenze 1% point Limite de extensão Rp 1.0% [ Ksi ] <b>53.4</b>		Zugfestigkeit Tensile strength Tensão de ruptura Rm [ Ksi ] <b>99.1</b>		Dehnung Elongation Alongamento A (A50-0mm) [ % ] <b>56.1</b>		Einschnürung Reduction of area Coef. Estricção Z (A50-0mm) [ % ] <b>66.3</b>																																		
Visuelle Kontrolle Visual inspection Inspeção visual <input checked="" type="checkbox"/> <b>Ok</b>		ASTM E370 Härte Hardness Dureza <b>209 [ HB ]</b>		ASTM A262-02a Practice E Korrosionsbeständigkeit IC Test Corrosão Intermetálica <input checked="" type="checkbox"/> <b>Ok</b>		Wärmebehandlung Heat treatment Tratamento termico <b>Annealed/Quenched 1900 F</b> (water quenched)																																												
Maßkontrolle Dimensional inspection Inspeção dimensional <input checked="" type="checkbox"/> <b>Ok</b>		ASTM A484 Korngröße Grain size Tamanho do grão <b>7</b>		Werkstoffverständiger Quality Control Representative Inspector de Qualidade <b>224</b> <b>José Santos</b>																																														
Verwechslungsprüfung Test of identity Teste de identificação <input checked="" type="checkbox"/> <b>Ok</b>		Makroskopische Untersuchung Macrographic test <input checked="" type="checkbox"/> <b>Ok</b>																																																
Bemerkungen / Remarks / Observações Micrographic test: approved Material is free of radiation contamination. No weld repair done. Material is free of mercury						Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according to the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.																																												

FR 03 02 05/1.

124179





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO12692**

Purchase Order Date 10/05/10

PO Print Date 10/05/10

Page Number 1 of 2

Order From :

VC-MET002

METAUX SOLUTIONS  
1320 C, VOLTA  
BOUCHERVILLE, QC J4B 6G6  
CA

Contact Name  
Vendor Phone  
Vendor Fax  
Vendor Account Nbr

800 558 8858  
514 633 8044

Buyer  
Requisition Nbr  
Tax Resale Nbr  
Terms  
Currency  
FOB

Chantal Lavoie  
10127-2607  
Net 30  
CAD  
Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
21/10/10

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304B0.750X2.500	304 BAR .750 X 2.50	10/12/10 Yes	24.00 f	TST ground REC 27	\$32.7500	\$786.00
		Special Inst: MATERIAL: AISI 304/316 SS BAR AS PER ASTM A276 NOTE: 303 NOT ACCEPTABLE					
2	M304B2.000X03.000	304 BAR 2.000" X 3.000"	10/18/10 Yes	8.00 f	TST ground	\$146.9900	\$1,175.92
		Special Inst: AS ABOVE					
3	M304TR1.000W.065	304 RD Tube 1.00 x .065W	10/18/10 Yes	20.00 f	TST ground ✓ Perdip	\$4.1000	\$82.00
		Special Inst: MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269					

Retru

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 10/05/10



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO12692**

Purchase Order Date 10/05/10

PO Print Date 10/05/10

Page Number 2 of 2

Order From :

VC-MET002

METAUX SOLUTIONS  
1320 C, VOLTA  
BOUCHERVILLE, QC J4B 6G6  
CA

Contact Name  
Vendor Phone  
Vendor Fax  
Vendor Account Nbr

800 558 8858  
514 633 8044

Buyer  
Requisition Nbr  
Tax Resale Nbr  
Terms  
Currency  
FOB

Chantal Lavoie  
10127-2607  
Net 30  
CAD  
Destination-Collect

4	M6061T6R0.750	6061-T6 Round Bar .750"	10/08/10 Yes	40.00 f	TST ground	\$2.0500	\$82.00
---	---------------	-------------------------	-----------------	------------	------------	----------	---------

Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4118/4128 4115/4116 OR ASTM B211 OR ASTM B221

5	M6061T6T0.3125W.058	ALUM TUBE .3125 x .058w	10/18/10 Yes	84.00 f	TST ground	\$3.6600	\$307.44
---	---------------------	-------------------------	-----------------	------------	------------	----------	----------

Special Inst: MATERIAL: 6061-T6 OR 6061-T62 TUBING PER WW-Q-700/6 OR AMS 4080/AMS4082 OR QQ-A-200/8 OR QQ-A-225/8

6	M4140N-B1.500X1.5000	4140 Steel Bar 1.50 x 1.50	10/18/10 Yes	12.00 f	TST ground	\$29.9000	\$358.80
---	----------------------	----------------------------	-----------------	------------	------------	-----------	----------

Special Inst: MATERIAL: AISI 4140N STEEL BAR PER MIL-S-5626 OR AMS 6382, AMS 6349,AMS 6529

PO Total: \$2,792.16

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Change Nbr:

1

Change Date: 10/05/10

No substitution or deviation without consent.  
Certificate of Conformity or Material Certification required when applicable